

Algebra 1**Mrs. Arot/Mrs. Britton****Name:** _____**Date:** _____**Chapter 7.1: Using Graphing Calculator to solve Systems of Equations**

Sketch the graph and write the solution.

1. $\begin{cases} y = 3x + 2 \\ y = -\frac{1}{2}x - 4 \end{cases}$	2. $\begin{cases} y = -4x - 4 \\ y = 2x - 5 \end{cases}$
3. $\begin{cases} y = \frac{1}{4}x - 3 \\ y = -\frac{3}{2}x + 1 \end{cases}$	4. $\begin{cases} y = 5x \\ y = -\frac{1}{5}x - 2 \end{cases}$
5. $\begin{cases} y = -3x + 2 \\ y = x - 3 \end{cases}$	6. $\begin{cases} y = -x + 2 \\ y = \frac{5}{2}x - 8 \end{cases}$

7. $\begin{cases} y = -3x + 2 \\ y = 2x - 3 \end{cases}$	8. $\begin{cases} y = \frac{1}{2}x - 3 \\ y = -\frac{3}{2}x + 1 \end{cases}$
9. $\begin{cases} y = -\frac{5}{3}x + 3 \\ y = \frac{1}{3}x - 3 \end{cases}$	10. $\begin{cases} y = -2x \\ y = x \end{cases}$
11. $\begin{cases} y = -6x + 9 \\ y = 4x - 2 \end{cases}$	12. $\begin{cases} y = -\frac{4}{3}x - 2 \\ y = \frac{5}{6}x + 1 \end{cases}$